

VALVE STEM SEAL ASSEMBLY

Abstract of the Disclosure

A valve stem seal assembly includes a retainer and a sealing element disposed within the retainer. The retainer includes a step and one or more installation pads. The sealing element includes a first sealing lip for sealing a valve stem, and a second sealing lip for sealing a chamfer of a valve guide. The step of the retainer exerts a compression force, F , against the second sealing lip to seal the second sealing lip against the chamber of the valve guide. The one or more installation pads exerts a frictional force against the valve guide to prevent movement of said valve stem seal assembly. It is emphasized that this abstract is provided to comply with the rules requiring an abstract that will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims. 37 CFR 1.72(b).

R0191293.DOC